



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

Re: Richland County
Pin Oak MHP
NPDES Permit

January 4, 2011

Mr. John Szalay, Owner
Pin Oak MHP
581 Lake of the Woods Boulevard
Akron, Ohio 44333

Dear Mr. Szalay:

On December 16, 2010, an inspection was made of the wastewater treatment facilities serving the Pin Oak MHP located at 1121 Clayberg Road, Greenwich, Richland County. You were present at the time of the inspection along with Lonnie McGhee, your certified operator, and Raymond Reed the park manager.

At the time of the inspection the required upgrades to the treatment plant had been installed and were operational. Mr. McGhee stated that the plant was performing well; however, the operators are still in the process of optimizing the new equipment. Most of the area disturbed during construction has been backfilled, however, it will not be until spring that the area can be graded and leveled. The new fence will also be installed in the spring. You are urged to complete these items as soon as possible.

During the inspection I instructed Mr. Reed to raise and cap the overflow pipes that had been installed in the sand filter beds. These overflows should not have been installed and should never be used to drain the sand filter beds.

A review of the discharge monitoring reports submitted for the time period of May through November 2010 revealed numerous **violations** of the limits contained in your NPDES permit. A printout of these violations is enclosed for your review. The recently installed upgrades should help prevent further violations from occurring.

Please call me at 419-373-3070 if you have any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/cs

Enclosure

pc: NWDO-DSW-File-w/enclosure

Lonnie McGhee, McGhee's Technical Water Service, Inc.

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR00072

Facility Name Pin Oak MHP Expiration Date 6/30/2013

Facility Address 1121 Clayberg Rd Date _____ Time _____ am/pm

City Greenwich County Richland Township _____

Name and Address of Owner John Szalay

Person Contacted Ray Reed - Park manager Owner Phone _____

Flow: Design 30,000 GPD Present 21,000 - 28,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 25° cloudy

OEPA Personnel Walter Aris District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: unamed tributary - not observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent good _____ fair _____ poor operation
 b. Plant has _____ excellent good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent good _____ fair _____ poor maintenance

d. Not operating at expected efficiency due to:

- (1) _____ hydraulic overload
 (2) _____ organic/ solids overload
 (3) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

Disinfection: (Required May 1 thru Oct.31.)		
IN	OUT	
_____	<input checked="" type="checkbox"/>	Chlorination Tablets
_____	<input checked="" type="checkbox"/>	Dechlorination Tablets
_____	_____	U.V.

Yes No

4. _____ Compliance with NPDES Permit

Periodic Violations Y _____ N Parameters: BOD, NH₃

Chronic Violations _____

5. _____ Adequate plant safety - make sure fence is repaired in Spring

6. _____ Operation and Maintenance Service Name McGhee's TWSI

Frequency of Visits 1/week

Facility Name: An Oak WHP

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: <u>1/3 months</u>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	2	Flow Equalization	<u>Operating well</u>
Aeration Equipment	3	Plant Timer <u>Y</u> <u>X</u> N Motor/ Blower Unit <u>running</u>	Cycle Time:
Secondary Treatment	2	Aeration Tank	Color: <u>good color</u> Adequate Aeration: Y <u>X</u> N
Final Settling	4	Clarifier	<u>clarifiers look good</u>
	2	Sludge Return	In <u>X</u> Out
	2	Surface Skimmer	In <u>X</u> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<u>filter beds okay - 2 partially ponded</u>
		Polishing Pond	
		Other	
Disinfection	2	Chlorine Tube Feeder	<u>out</u>
	2	Dechlorination Tube Feeder	<u>out</u>
		Ultraviolet (UV)	
Flow Metering	2	Elapsed Pump Time	<u>on filter dosing pumps</u>
		Recorder (continuous total)	
Pumps	1	Raw Wastewater (type) <u>Flow EQ</u>	<u>EQ geyser working well</u>
	2	Sand Filter Effluent Dosing	<u>okay</u>
Sludge Handling	2	Aerated Storage Tank	<u>okay</u>
	2	Sludge Drying Bed	<u>okay</u>
Sludge Disposal		Municipal POTW	
	2	Landfill	
		Land Application	
Advanced Treatment	2	Post Aeration	<u>on</u>
		Spray Irrigation	
		Other	

Get New Data

Pin Oak Estates MHP NPDES permit limit violations May through november 2010

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00072*DD	May 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2.0	2.61	5/1/2010
2PR00072*DD	May 2010	001	31616	Fecal Coliform	30D Conc	1000	1200.	5/1/2010
2PR00072*DD	May 2010	001	80082	CBOD 5 day	30D Conc	10	22.5	5/1/2010
2PR00072*DD	May 2010	001	80082	CBOD 5 day	30D Qty	1.14	1.19228	5/1/2010
2PR00072*DD	May 2010	001	80082	CBOD 5 day	1D Conc	15	21.	5/4/2010
2PR00072*DD	May 2010	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	3.0	3.66	5/18/2010
2PR00072*DD	May 2010	001	80082	CBOD 5 day	1D Conc	15	24.	5/18/2010
2PR00072*DD	June 2010	001	80082	CBOD 5 day	1D Conc	15	24.6	6/1/2010
2PR00072*DD	June 2010	001	80082	CBOD 5 day	30D Conc	10	14.65	6/1/2010